

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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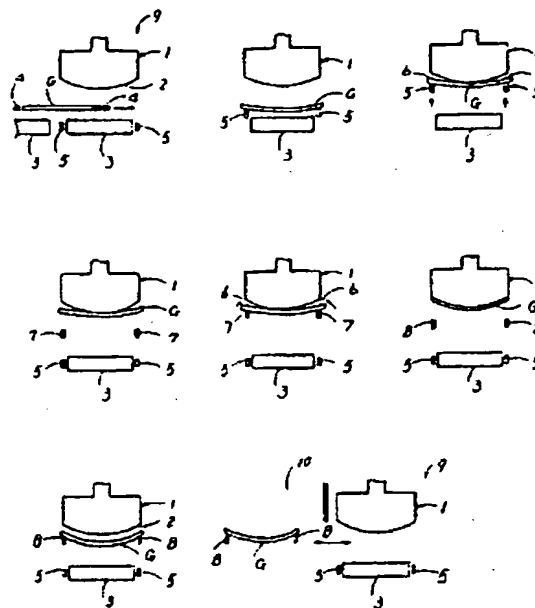
APPLICATION DATE : 08-08-86  
APPLICATION NUMBER : 61185271

APPLICANT : ASAHI GLASS CO LTD;

INVENTOR : ARAI KIYOSHI;

INT.CL. : C03B 23/03 C03B 23/035

TITLE : BENDING METHOD FOR GLASS  
PLATE



ABSTRACT : PURPOSE: To form deep bent glass having a good accuracy, by previously bending a heated glass plate using a premold and regularly bending the glass plate.

CONSTITUTION: A glass plate is bent in the following four steps (a)–(d). That is (a) a step of transferring a heated glass plate (G) to the underside of a vacuum attraction mold 1 provided in a forming chamber 9, (b) a step of attracting the glass plate (G) supported on a shallow bent premold 5 in a heated gas jetting upward from a hearth bed 3 positioned below the glass plate (G) and previously bending the glass plate (G), (c) a step of regularly bending the glass plate (G) attracted on the vacuum attraction mold 1 passing through the previous bending with a deep bent main mold 7 and (d) a step of transferring a support frame 8 supporting the glass plate (G) releasing from the vacuum attraction passing through the regular bending to a cooling chamber 10.

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